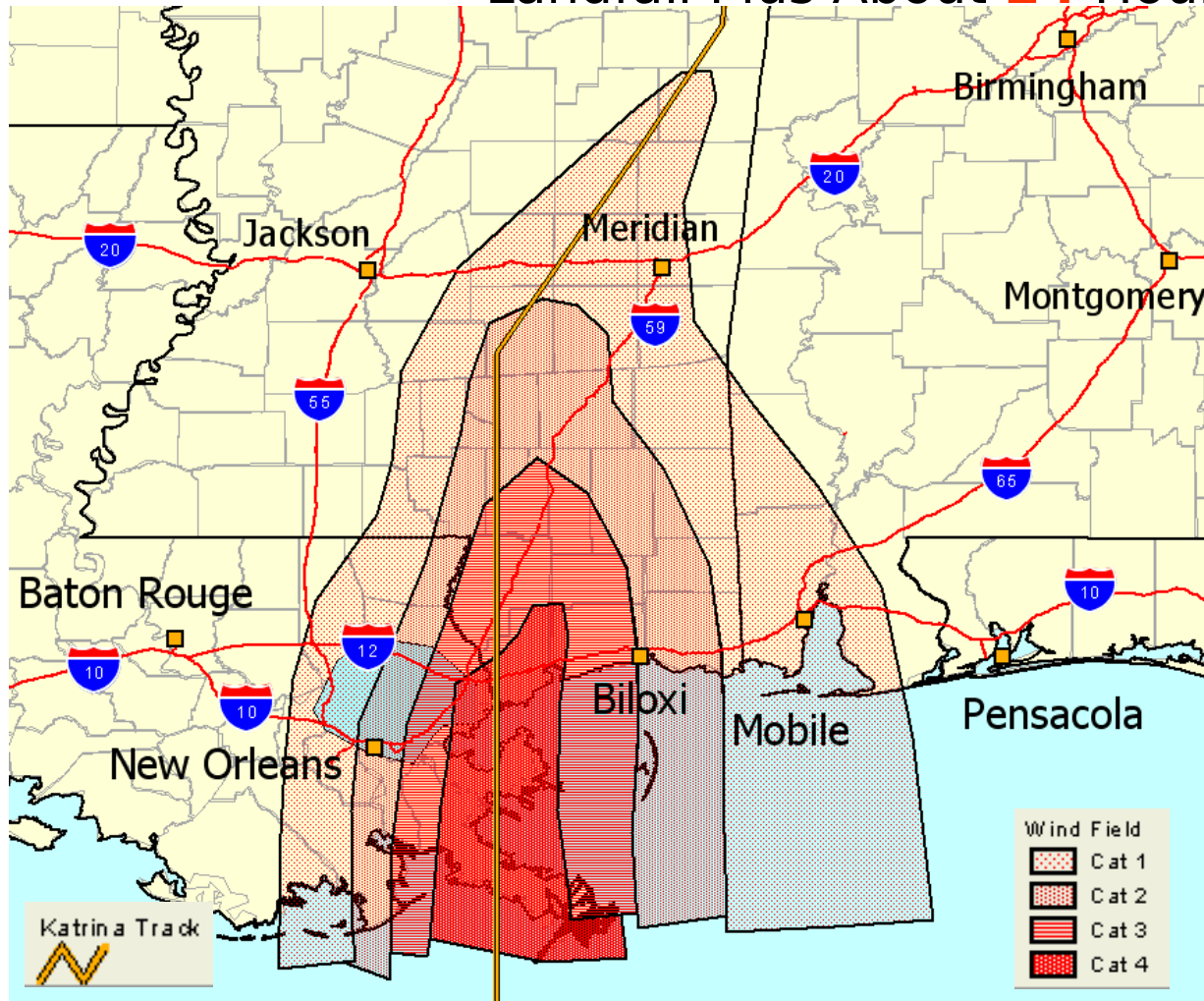




# Hurricane Katrina Wind Distribution

Landfall Plus About **24** Hours

**For Official  
Use Only!**



## ***Most Probable Landfall Wind Distribution***

This model is based  
on a Category 4  
storm making landfall  
in near proximity to  
New Orleans, LA.

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC **(0500 EDT 08/30/2005)** historical track.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## **Hurricane Katrina Wind Fields**

### **Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

### **Sources:**

HURREVAC  
LRL-DEBRIS

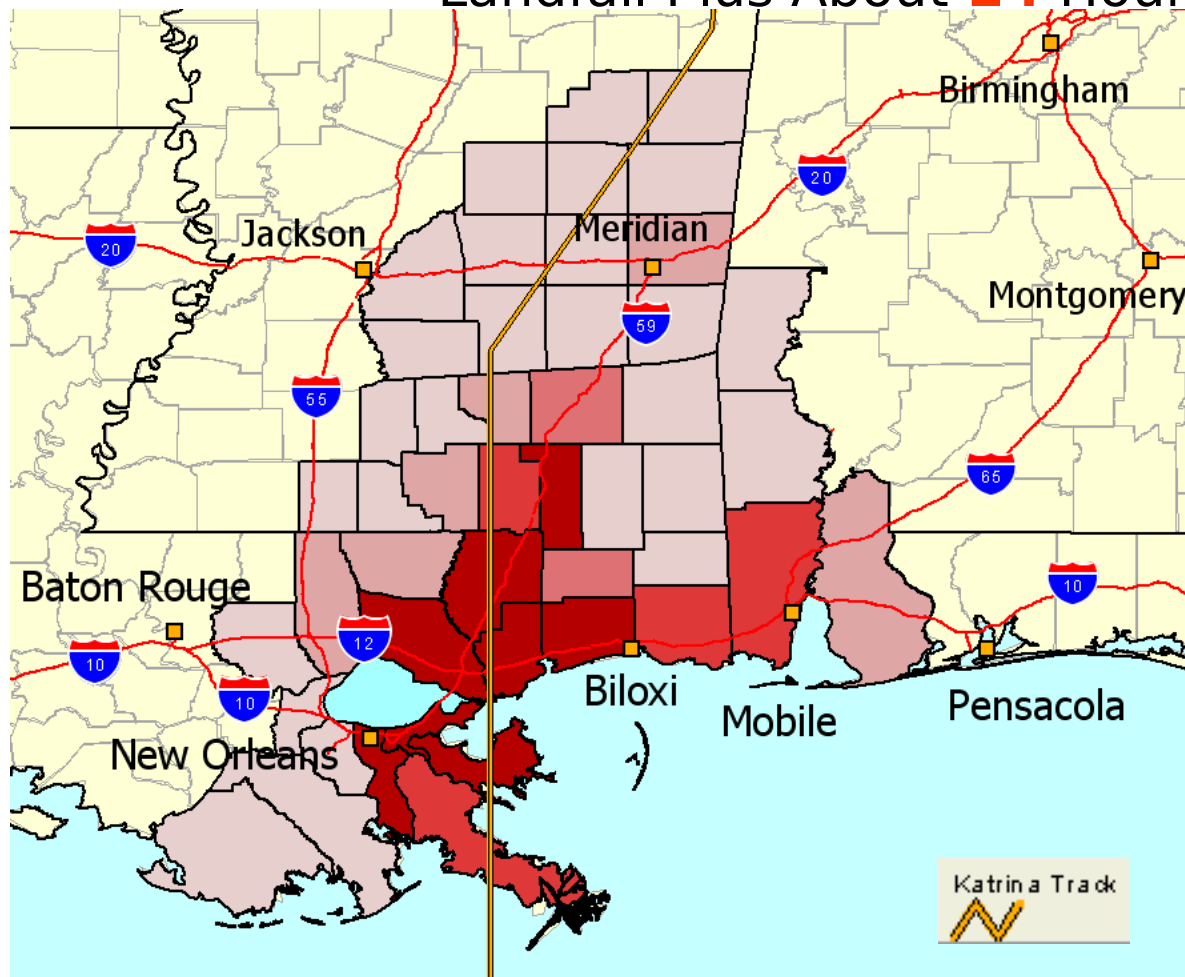
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# Hurricane Katrina Debris Model

Landfall Plus About **24** Hours

**For Official  
Use Only!**



## **Most Probable Landfall Debris Model Results**

Louisiana - 19,136,000 yd<sup>3</sup>  
Mississippi - 12,800,000  
yd<sup>3</sup>  
Alabama - 1,162,000 yd<sup>3</sup>

*Model results per  
parish/county on following  
page*

This model is based on  
a Category 4 storm  
making landfall in near  
proximity to New

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC **(0500 EDT 08/30/2005)** historical track. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## **Hurricane Katrina Debris Model**

### **Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

### **Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Debris Model

## Landfall Plus About 24 Hours

**For Official  
Use Only!**

| State     | Parish          | Yards Per Parish  |
|-----------|-----------------|-------------------|
|           | Jefferson       | 5,059,000         |
|           | Lafourche       | 95,000            |
|           | Livingston      | 5,000             |
|           | Orleans         | 7,567,000         |
|           | Plaquemines     | 770,000           |
|           | St Bernard      | 1,871,000         |
|           | St Charles      | 94,000            |
|           | St John Baptist | 65,000            |
|           | St Tammany      | 3,295,000         |
|           | Tangipahoa      | 116,000           |
|           | Terrebonne      | 19,000            |
|           | Washington      | 180,000           |
| Louisiana |                 | <b>19,136,000</b> |

| State   | County     | Yards Per County |
|---------|------------|------------------|
|         | Baldwin    | 190,000          |
|         | Choctaw    | 1,000            |
|         | Mobile     | 955,000          |
|         | Washington | 16,000           |
| Alabama |            | <b>1,162,000</b> |

| State       | County       | Yards Per County  |
|-------------|--------------|-------------------|
|             | Clarke       | 25,000            |
|             | Covington    | 111,000           |
|             | Forrest      | 1,063,000         |
|             | George       | 86,000            |
|             | Greene       | 33,000            |
|             | Hancock      | 2,341,000         |
|             | Harrison     | 4,951,000         |
|             | Jackson      | 994,000           |
|             | Jasper       | 75,000            |
|             | Jeff'n Davis | 36,000            |
|             | Jones        | 353,000           |
|             | Kemper       | 9,000             |
|             | Lamar        | 700,000           |
|             | Lauderdale   | 104,000           |
|             | Lawrence     | 9,000             |
|             | Leake        | 4,000             |
|             | Marion       | 126,000           |
|             | Neshoba      | 41,000            |
|             | Newton       | 35,000            |
|             | Noxubee      | 11,000            |
|             | Pearl River  | 1,112,000         |
|             | Perry        | 87,000            |
|             | Pike         | 1,000             |
|             | Rankin       | 8,000             |
|             | Scott        | 37,000            |
|             | Simpson      | 39,000            |
|             | Smith        | 80,000            |
|             | Stone        | 268,000           |
|             | Walthall     | 20,000            |
|             | Wayne        | 35,000            |
|             | Winston      | 6,000             |
| Mississippi |              | <b>12,800,000</b> |

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



US Army Corps  
of Engineers

## Hurricane Katrina Debris Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

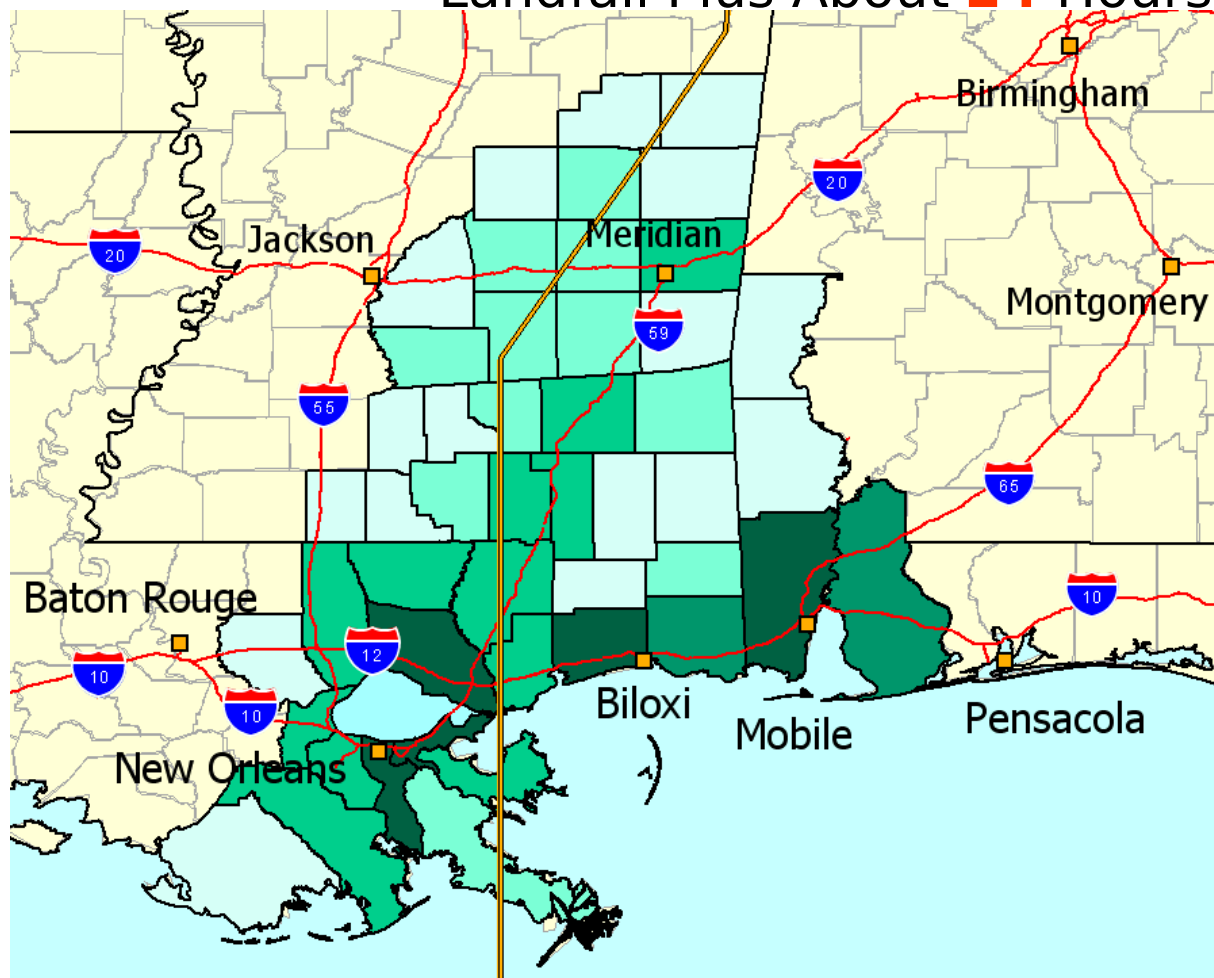
HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Ice Model

**For Official  
Use Only!**

Landfall Plus About **24** Hours



## ***Most Probable Landfall Ice Model Results***

**Louisiana -**  
**29 Truckloads Day One**  
**59 Truckloads Day Two**  
**117 Truckloads Day Three**

**Mississippi -**  
**24 Truckloads Day One**  
**48 Truckloads Day Two**  
**95 Truckloads Day Three**

**Alabama -**  
**11 Truckloads Day One**  
**21 Truckloads Day Two**  
**42 Truckloads Day Three**

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC **(0500 EDT 08/30/2005)** historical track. The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per day per person) and Ice SME input and represents a first day daily need.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



## **Hurricane Katrina Ice Model**

**Generated By:**  
Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**  
HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Ice Model

## Landfall Plus About 24 Hours

**For Official  
Use Only!**

| State            | County          | Pounds Per County-Day 3 | Day 1 Trucks | Day 2 Trucks | Day 3 trucks |
|------------------|-----------------|-------------------------|--------------|--------------|--------------|
|                  | Jefferson       | 1,343,000               | 9            | 17           | 34           |
|                  | Lafourche       | 123,000                 | 1            | 2            | 4            |
|                  | Livingston      | 9,000                   | 0            | 1            | 1            |
|                  | Orleans         | 1,471,000               | 9            | 19           | 37           |
|                  | Plaquemines     | 71,000                  | 1            | 1            | 2            |
|                  | St Bernard      | 212,000                 | 2            | 3            | 6            |
|                  | St Charles      | 151,000                 | 1            | 2            | 4            |
|                  | St John Baptist | 126,000                 | 1            | 2            | 4            |
|                  | St Tammany      | 565,000                 | 4            | 8            | 15           |
|                  | Tangipahoa      | 228,000                 | 2            | 3            | 6            |
|                  | Terrebonne      | 33,000                  | 0            | 1            | 1            |
|                  | Washington      | 119,000                 | 1            | 2            | 3            |
| <b>Louisiana</b> |                 |                         | <b>29</b>    | <b>59</b>    | <b>117</b>   |

| State          | County     | Pounds Per County-Day 3 | Day 1 Trucks | Day 2 Trucks | Day 3 trucks |
|----------------|------------|-------------------------|--------------|--------------|--------------|
|                | Baldwin    | 307,000                 | 2            | 4            | 8            |
|                | Choctaw    | 1,000                   | 0            | 1            | 1            |
|                | Mobile     | 1,280,000               | 8            | 16           | 32           |
|                | Washington | 32,000                  | 0            | 1            | 1            |
| <b>Alabama</b> |            |                         | <b>11</b>    | <b>21</b>    | <b>42</b>    |

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Katrina will have power outage in this area will cause a need for ice.

Details about this model may be obtained at

<https://englink.usace.army.mil>

or contact ENGLink at 1-877-936-4546



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## Hurricane Katrina Ice Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Ice Model

## Landfall Plus About 24 Hours

**For Official  
Use Only!**

| State              | County       | Pounds Per County-Day 3 | Day 1 Trucks | Day 2 Trucks | Day 3 trucks |
|--------------------|--------------|-------------------------|--------------|--------------|--------------|
|                    | Clarke       | 48,000                  | 1            | 1            | 2            |
|                    | Covington    | 62,000                  | 1            | 1            | 2            |
|                    | Forrest      | 232,000                 | 2            | 3            | 6            |
|                    | George       | 60,000                  | 1            | 1            | 2            |
|                    | Greene       | 42,000                  | 1            | 1            | 2            |
|                    | Hancock      | 137,000                 | 1            | 2            | 4            |
|                    | Harrison     | 602,000                 | 4            | 8            | 16           |
|                    | Jackson      | 430,000                 | 3            | 6            | 11           |
|                    | Jasper       | 58,000                  | 1            | 1            | 2            |
|                    | Jeff'n Davis | 45,000                  | 1            | 1            | 2            |
|                    | Jones        | 208,000                 | 2            | 3            | 6            |
|                    | Kemper       | 17,000                  | 0            | 1            | 1            |
|                    | Lamar        | 125,000                 | 1            | 2            | 4            |
|                    | Lauderdale   | 174,000                 | 1            | 3            | 5            |
|                    | Lawrence     | 17,000                  | 0            | 1            | 1            |
|                    | Leake        | 8,000                   | 0            | 1            | 1            |
|                    | Marion       | 82,000                  | 1            | 2            | 3            |
|                    | Neshoba      | 82,000                  | 1            | 2            | 3            |
|                    | Newton       | 70,000                  | 1            | 1            | 2            |
|                    | Noxubee      | 22,000                  | 0            | 1            | 1            |
|                    | Pearl River  | 156,000                 | 1            | 2            | 4            |
|                    | Perry        | 39,000                  | 0            | 1            | 1            |
|                    | Pike         | 1,000                   | 0            | 1            | 1            |
|                    | Rankin       | 17,000                  | 0            | 1            | 1            |
|                    | Scott        | 78,000                  | 1            | 1            | 2            |
|                    | Simpson      | 70,000                  | 1            | 1            | 2            |
|                    | Smith        | 52,000                  | 1            | 1            | 2            |
|                    | Stone        | 44,000                  | 1            | 1            | 2            |
|                    | Walthall     | 36,000                  | 0            | 1            | 1            |
|                    | Wayne        | 67,000                  | 1            | 1            | 2            |
|                    | Winston      | 12,000                  | 0            | 1            | 1            |
| <b>Mississippi</b> |              |                         | <b>24</b>    | <b>48</b>    | <b>95</b>    |

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Katrina will have power outage in this area will cause a need for ice.

Details about this model may be obtained at

<https://englink.usace.army.mil>

or contact ENGLink at 1-877-936-4546



## Hurricane Katrina Ice Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

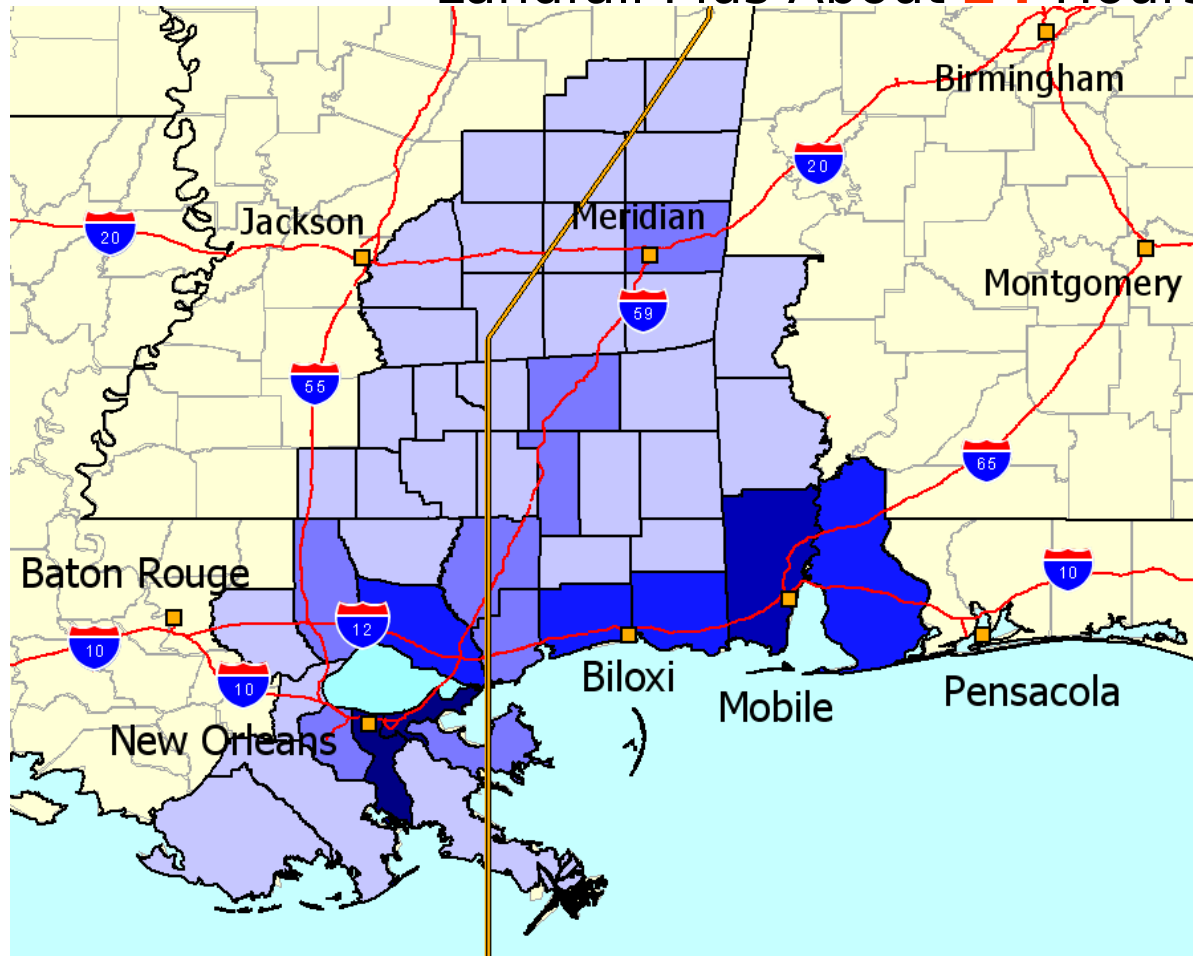
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# Hurricane Katrina Water Model

**For Official  
Use Only!**

Landfall Plus About **24** Hours



## ***Most Probable Landfall Water Model Results***

**Louisiana -**  
**29 Truckloads Day One**  
**59 Truckloads Day Two**  
**117 Truckloads Day Three**

**Mississippi -**  
**24 Truckloads Day One**  
**48 Truckloads Day Two**  
**95 Truckloads Day Three**

**Alabama -**  
**11 Truckloads Day One**  
**21 Truckloads Day Two**  
**42 Truckloads Day Three**

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC **(0500 EDT 08/30/2005)** historical track. The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## **Hurricane Katrina Water Model**

### **Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

### **Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Water Model

## Landfall Plus About 24 Hours

**For Official  
Use Only!**

| State            | County          | Pounds Per County-Day 3 | Day 1 Trucks | Day 2 Trucks | Day 3 trucks |
|------------------|-----------------|-------------------------|--------------|--------------|--------------|
|                  | Jefferson       | 504,000                 | 9            | 17           | 34           |
|                  | Lafourche       | 46,000                  | 1            | 2            | 4            |
|                  | Livingston      | 4,000                   | 0            | 1            | 1            |
|                  | Orleans         | 552,000                 | 9            | 19           | 37           |
|                  | Plaquemines     | 27,000                  | 1            | 1            | 2            |
|                  | St Bernard      | 79,000                  | 2            | 3            | 6            |
|                  | St Charles      | 57,000                  | 1            | 2            | 4            |
|                  | St John Baptist | 47,000                  | 1            | 2            | 4            |
|                  | St Tammany      | 212,000                 | 4            | 8            | 15           |
|                  | Tangipahoa      | 85,000                  | 2            | 3            | 6            |
|                  | Terrebonne      | 12,000                  | 0            | 1            | 1            |
|                  | Washington      | 45,000                  | 1            | 2            | 3            |
| <b>Louisiana</b> |                 |                         | <b>29</b>    | <b>59</b>    | <b>117</b>   |

| State          | County     | Pounds Per County-Day 3 | Day 1 Trucks | Day 2 Trucks | Day 3 trucks |
|----------------|------------|-------------------------|--------------|--------------|--------------|
|                | Baldwin    | 115,000                 | 2            | 4            | 8            |
|                | Choctaw    | 1,000                   | 0            | 1            | 1            |
|                | Mobile     | 480,000                 | 8            | 16           | 32           |
|                | Washington | 12,000                  | 0            | 1            | 1            |
| <b>Alabama</b> |            |                         | <b>11</b>    | <b>21</b>    | <b>42</b>    |

The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Katrina will have power outage in this area will cause a need for water.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## Hurricane Katrina Water Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Water Model

## Landfall Plus About 24 Hours

**For Official  
Use Only!**

| State              | County       | Pounds Per County-Day 3 | Day 1 Trucks | Day 2 Trucks | Day 3 trucks |
|--------------------|--------------|-------------------------|--------------|--------------|--------------|
|                    | Clarke       | 18,000                  | 1            | 1            | 2            |
|                    | Covington    | 23,000                  | 1            | 1            | 2            |
|                    | Forrest      | 87,000                  | 2            | 3            | 6            |
|                    | George       | 23,000                  | 1            | 1            | 2            |
|                    | Greene       | 16,000                  | 1            | 1            | 2            |
|                    | Hancock      | 52,000                  | 1            | 2            | 4            |
|                    | Harrison     | 226,000                 | 4            | 8            | 16           |
|                    | Jackson      | 161,000                 | 3            | 6            | 11           |
|                    | Jasper       | 22,000                  | 1            | 1            | 2            |
|                    | Jeff'n Davis | 17,000                  | 1            | 1            | 2            |
|                    | Jones        | 78,000                  | 2            | 3            | 6            |
|                    | Kemper       | 6,000                   | 0            | 1            | 1            |
|                    | Lamar        | 47,000                  | 1            | 2            | 4            |
|                    | Lauderdale   | 65,000                  | 1            | 3            | 5            |
|                    | Lawrence     | 6,000                   | 0            | 1            | 1            |
|                    | Leake        | 3,000                   | 0            | 1            | 1            |
|                    | Marion       | 31,000                  | 1            | 2            | 3            |
|                    | Neshoba      | 31,000                  | 1            | 2            | 3            |
|                    | Newton       | 26,000                  | 1            | 1            | 2            |
|                    | Noxubee      | 8,000                   | 0            | 1            | 1            |
|                    | Pearl River  | 58,000                  | 1            | 2            | 4            |
|                    | Perry        | 15,000                  | 0            | 1            | 1            |
|                    | Pike         | 1,000                   | 0            | 1            | 1            |
|                    | Rankin       | 6,000                   | 0            | 1            | 1            |
|                    | Scott        | 29,000                  | 1            | 1            | 2            |
|                    | Simpson      | 26,000                  | 1            | 1            | 2            |
|                    | Smith        | 19,000                  | 1            | 1            | 2            |
|                    | Stone        | 16,000                  | 1            | 1            | 2            |
|                    | Walthall     | 13,000                  | 0            | 1            | 1            |
|                    | Wayne        | 25,000                  | 1            | 1            | 2            |
|                    | Winston      | 5,000                   | 0            | 1            | 1            |
| <b>Mississippi</b> |              |                         | <b>24</b>    | <b>48</b>    | <b>95</b>    |

The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Katrina will have power outage in this area will cause a need for water.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



US Army Corps  
of Engineers

## Hurricane Katrina Water Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

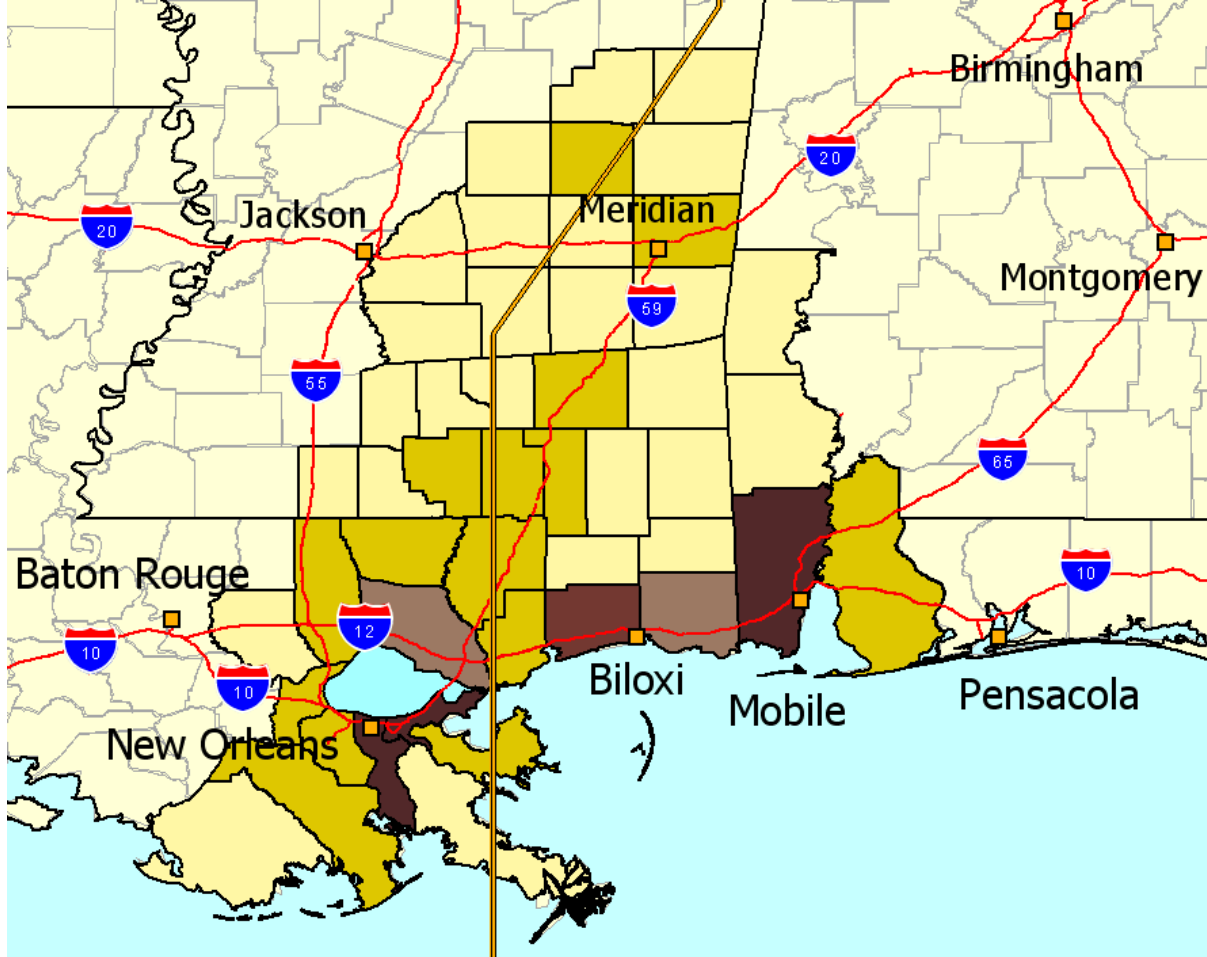
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# Hurricane Katrina Population Model

Landfall Plus About **24** Hours

**For Official  
Use Only!**



## **Most Probable Landfall Population Model Results**

Louisiana - 1,392,000 persons  
Mississippi - 966,000 persons  
Alabama - 507,000 persons

*Model results per county  
on following page*

This model is based on  
a Category 4 storm  
making landfall in near  
proximity to New  
Orleans, LA

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC (0500 EDT 08/30/2005) historical track. The number of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## **Hurricane Katrina Population Model**

### **Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

### **Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Population Model

## Landfall Plus About 24 Hours

For Official Use Only!

| State            | Parish          | Population per Parish |
|------------------|-----------------|-----------------------|
|                  | Jefferson       | 420,000               |
|                  | Lafourche       | 38,000                |
|                  | Livingston      | 3,000                 |
|                  | Orleans         | 460,000               |
|                  | Plaquemines     | 22,000                |
|                  | St Bernard      | 66,000                |
|                  | St Charles      | 47,000                |
|                  | St John Baptist | 39,000                |
|                  | St Tammany      | 175,000               |
|                  | Tangipahoa      | 71,000                |
|                  | Terrebonne      | 10,000                |
|                  | Washington      | 41,000                |
| <b>Louisiana</b> |                 | <b>1,392,000</b>      |

| State          | County     | Population per County |
|----------------|------------|-----------------------|
|                | Baldwin    | 96,000                |
|                | Choctaw    | 1,000                 |
|                | Mobile     | 400,000               |
|                | Washington | 10,000                |
| <b>Alabama</b> |            | <b>507,000</b>        |

| State              | County       | Population per County |
|--------------------|--------------|-----------------------|
|                    | Clarke       | 15,000                |
|                    | Covington    | 19,000                |
|                    | Forrest      | 72,000                |
|                    | George       | 19,000                |
|                    | Greene       | 13,000                |
|                    | Hancock      | 43,000                |
|                    | Harrison     | 188,000               |
|                    | Jackson      | 134,000               |
|                    | Jasper       | 18,000                |
|                    | Jeff'n Davis | 14,000                |
|                    | Jones        | 65,000                |
|                    | Kemper       | 5,000                 |
|                    | Lamar        | 39,000                |
|                    | Lauderdale   | 55,000                |
|                    | Lawrence     | 5,000                 |
|                    | Leake        | 2,000                 |
|                    | Marion       | 26,000                |
|                    | Neshoba      | 26,000                |
|                    | Newton       | 22,000                |
|                    | Noxubee      | 7,000                 |
|                    | Pearl River  | 49,000                |
|                    | Perry        | 12,000                |
|                    | Pike         | 1,000                 |
|                    | Rankin       | 5,000                 |
|                    | Scott        | 24,000                |
|                    | Simpson      | 22,000                |
|                    | Smith        | 16,000                |
|                    | Stone        | 14,000                |
|                    | Walthall     | 11,000                |
|                    | Wayne        | 21,000                |
|                    | Winston      | 4,000                 |
| <b>Mississippi</b> |              | <b>966,000</b>        |

The number of persons estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at <https://englink.usace.army.mil> or contact ENGLink at 1-877-936-4546



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## Hurricane Katrina Population Model

### Generated By:

Terry Siemsen, LRL 0700 EDT 08/30/2005

### Sources:

HURREVAC  
LRL-DEBRIS

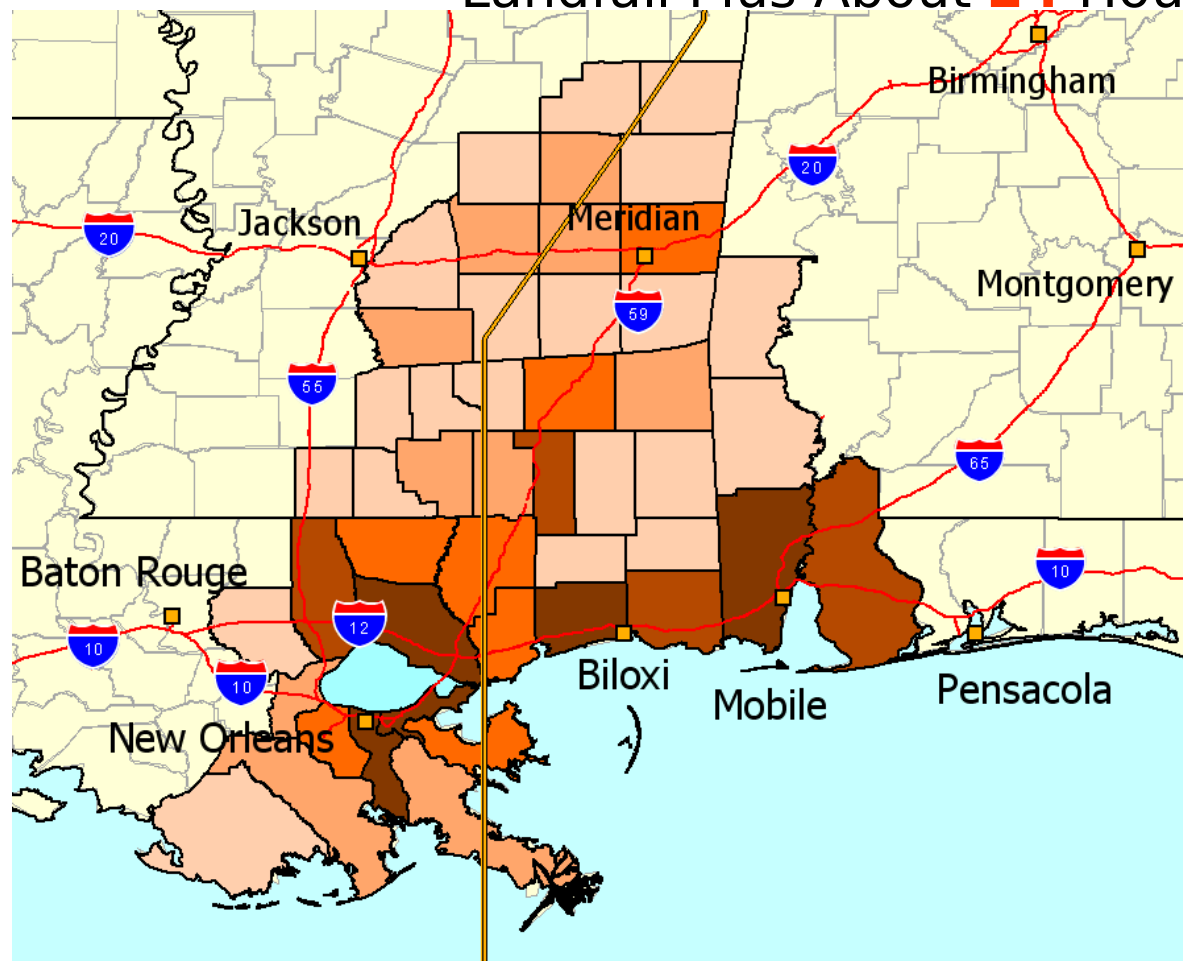
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# Hurricane Katrina Households Model

Landfall Plus About **24** Hours

**For Official  
Use Only!**



## ***Most Probable Landfall Households Model Results***

Louisiana - 524,000  
households Mississippi -  
360,000 households  
Alabama - 193,000  
households

*Model results per  
county on following page*

This model is based on  
a Category 4 storm  
making landfall in  
near proximity to New

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC (**0500 EDT 08/30/2005**) historical track. The number of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## **Hurricane Katrina Households Model**

### **Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

### **Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Households Model

## Landfall Plus About 24 Hours

**For Official  
Use Only!**

| State            | Parish          | Households per Parish |
|------------------|-----------------|-----------------------|
|                  | Jefferson       | 162,000               |
|                  | Lafourche       | 14,000                |
|                  | Livingston      | 1,000                 |
|                  | Orleans         | 178,000               |
|                  | Plaquemines     | 8,000                 |
|                  | St Bernard      | 25,000                |
|                  | St Charles      | 16,000                |
|                  | St John Baptist | 13,000                |
|                  | St Tammany      | 63,000                |
|                  | Tangipahoa      | 26,000                |
|                  | Terrebonne      | 3,000                 |
|                  | Washington      | 15,000                |
| <b>Louisiana</b> |                 | <b>524,000</b>        |

| State          | County     | Households per County |
|----------------|------------|-----------------------|
|                | Baldwin    | 38,000                |
|                | Choctaw    | 1,000                 |
|                | Mobile     | 150,000               |
|                | Washington | 4,000                 |
| <b>Alabama</b> |            | <b>193,000</b>        |

| State              | County      | Households per County |
|--------------------|-------------|-----------------------|
|                    | Clarke      | 6,000                 |
|                    | Covington   | 7,000                 |
|                    | Forrest     | 27,000                |
|                    | George      | 7,000                 |
|                    | Greene      | 4,000                 |
|                    | Hancock     | 17,000                |
|                    | Harrison    | 71,000                |
|                    | Jackson     | 49,000                |
|                    | Jasper      | 7,000                 |
|                    | Jeffn Davis | 5,000                 |
|                    | Jones       | 24,000                |
|                    | Kemper      | 2,000                 |
|                    | Lamar       | 14,000                |
|                    | Lauderdale  | 21,000                |
|                    | Lawrence    | 2,000                 |
|                    | Leake       | 1,000                 |
|                    | Marion      | 9,000                 |
|                    | Neshoba     | 10,000                |
|                    | Newton      | 8,000                 |
|                    | Noxubee     | 3,000                 |
|                    | Pearl River | 18,000                |
|                    | Perry       | 4,000                 |
|                    | Pike        | 1,000                 |
|                    | Rankin      | 2,000                 |
|                    | Scott       | 9,000                 |
|                    | Simpson     | 8,000                 |
|                    | Smith       | 6,000                 |
|                    | Stone       | 5,000                 |
|                    | Walthall    | 4,000                 |
|                    | Wayne       | 8,000                 |
|                    | Winston     | 1,000                 |
| <b>Mississippi</b> |             | <b>360,000</b>        |

The number of households estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## Hurricane Katrina Households Model

### Generated By:

Terry Siemsen, LRL 0700 EDT 08/30/2005

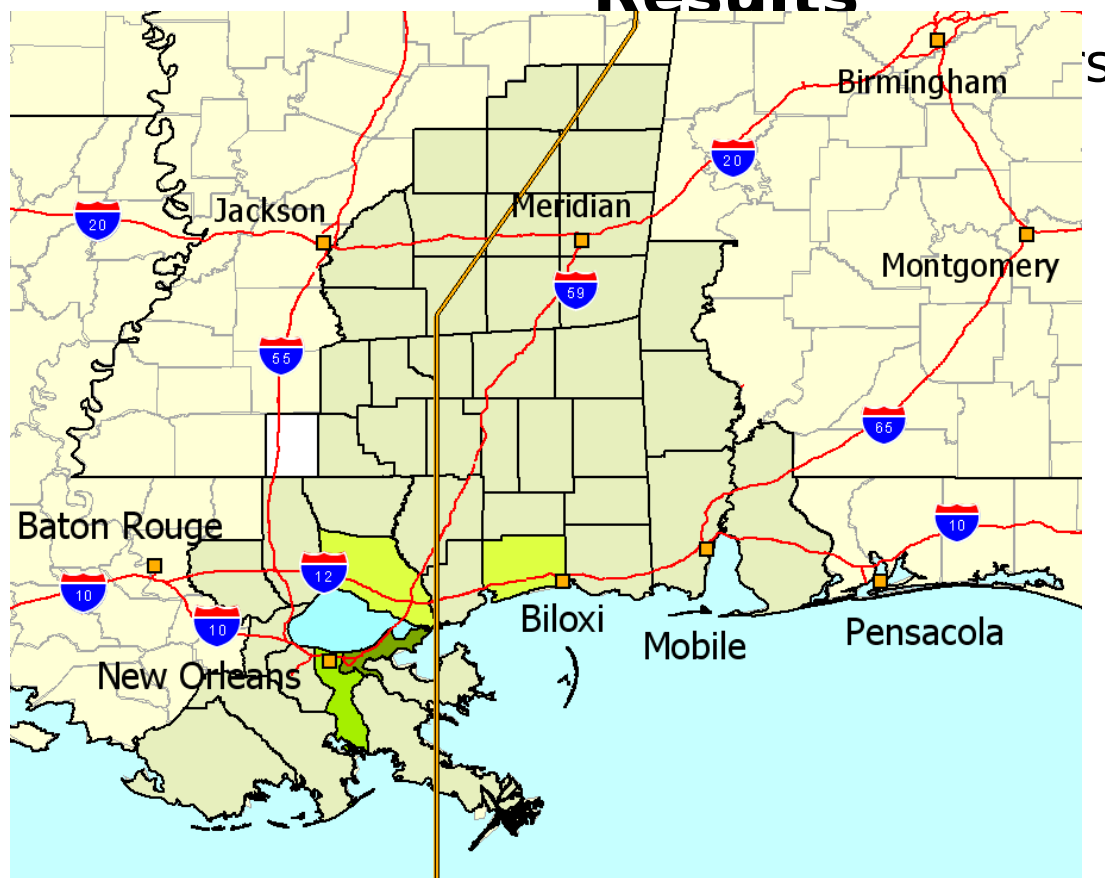
### Sources:

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Temporary Roofing Model Results

**For Official  
Use Only!**



## **Most Probable Landfall Temporary Roofing Model Results**

Louisiana - 18,000  
Mississippi - 12,300  
Alabama - 2,100

*Model results per county  
on following page*

This model is based on  
a Category 4 storm  
making landfall in near  
proximity to New  
Orleans, LA.

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC (0500 EDT 08/30/2005) historical track. The amount of temporary roofing that may be required is based on 1% of housing units damaged in CAT 1 wind area, 3% of housing units damaged in CAT 2 wind areas, 5% of housing units damaged in CAT 3 wind areas, and 7% of housing units damaged in CAT 4 wind areas. This only indicates possible need - not necessarily a mission to repair roofs.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



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## **Hurricane Katrina Roofing Model**

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Temporary Roofing Model Results

**For Official  
Use Only!**

## Landfall Plus Abc

| State            | Parish          | Houseunits per Parish |
|------------------|-----------------|-----------------------|
|                  | Jefferson       | 5,400                 |
|                  | Lafourche       | 200                   |
|                  | Livingston      | 100                   |
|                  | Orleans         | 6,800                 |
|                  | Plaquemines     | 500                   |
|                  | St Bernard      | 1,300                 |
|                  | St Charles      | 200                   |
|                  | St John Baptist | 100                   |
|                  | St Tammany      | 2,700                 |
|                  | Tangipahoa      | 300                   |
|                  | Terrebonne      | 100                   |
|                  | Washington      | 300                   |
| <b>Louisiana</b> |                 | <b>18,000</b>         |

| State          | County     | Houseunits per County |
|----------------|------------|-----------------------|
|                | Baldwin    | 400                   |
|                | Choctaw    | 100                   |
|                | Mobile     | 1,500                 |
|                | Washington | 100                   |
| <b>Alabama</b> |            | <b>2,100</b>          |

| State              | County       | Houseunits per County |
|--------------------|--------------|-----------------------|
|                    | Clarke       | 100                   |
|                    | Covington    | 200                   |
|                    | Forrest      | 1,100                 |
|                    | George       | 100                   |
|                    | Greene       | 100                   |
|                    | Hancock      | 1,200                 |
|                    | Harrison     | 3,400                 |
|                    | Jackson      | 1,400                 |
|                    | Jasper       | 100                   |
|                    | Jeff'n Davis | 100                   |
|                    | Jones        | 700                   |
|                    | Kemper       | 100                   |
|                    | Lamar        | 700                   |
|                    | Lauderdale   | 200                   |
|                    | Lawrence     | 100                   |
|                    | Leake        | 100                   |
|                    | Marion       | 200                   |
|                    | Neshoba      | 100                   |
|                    | Newton       | 100                   |
|                    | Noxubee      | 100                   |
|                    | Pearl River  | 900                   |
|                    | Perry        | 100                   |
|                    | Pike         | 100                   |
|                    | Rankin       | 100                   |
|                    | Scott        | 100                   |
|                    | Simpson      | 100                   |
|                    | Smith        | 200                   |
|                    | Stone        | 200                   |
|                    | Walthall     | 100                   |
|                    | Wayne        | 100                   |
|                    | Winston      | 100                   |
| <b>Mississippi</b> |              | <b>12,300</b>         |

**THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND  
SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!**

The amount of temporary roofing that may be required is based on 1% of housing units damaged in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, 5% of housing units damaged in CAT 3 wind areas, and 7% of housing units damaged in CAT 4 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at <https://englink.usace.army.mil>  
or contact ENGLink at 1-877-936-4546



US Army Corps  
of Engineers

## Hurricane Katrina Roofing Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Temporary Housing Model Results

**For Official  
Use Only!**



## ***Most Probable Landfall Temporary Housing Model Results***

Louisiana - 9,300  
Mississippi - 7,600  
Alabama - 400

*Model results per county  
on following page*

This model is based on  
a Category 4 storm  
making landfall in  
near proximity to New

Information provided on this page displays a Category 4 storm making landfall near New Orleans, LA. These projections are based on information from the NHC (0500 EDT 08/30/2005) historical track. The amount of temporary housing that may be required is based on no housing need in CAT 1 wind area, 1% of housing units requiring temporary replacement in CAT 2 wind areas, 3% of housing units requiring temporary replacement in CAT 3 wind areas, and 7% of housing units requiring temporary replacement in CAT 4 wind areas.

Details about this model may be obtained at <https://englink.usace.army.mil>  
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## **Hurricane Katrina Housing Model**

### **Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

### **Sources:**

HURREVAC  
LRL-DEBRIS

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# Hurricane Katrina Temporary Housing Model Results

**For Official  
Use Only!**

## Landfall Plus About

| State            | Parish          | Houseunits per Parish |
|------------------|-----------------|-----------------------|
|                  | Jefferson       | 2,200                 |
|                  | Lafourche       | 100                   |
|                  | Livingston      | 100                   |
|                  | Orleans         | 3,300                 |
|                  | Plaquemines     | 400                   |
|                  | St Bernard      | 800                   |
|                  | St Charles      | 100                   |
|                  | St John Baptist | 100                   |
|                  | St Tammany      | 1,900                 |
|                  | Tangipahoa      | 100                   |
|                  | Terrebonne      | 100                   |
|                  | Washington      | 100                   |
| <b>Louisiana</b> |                 | <b>9,300</b>          |

| State          | County     | Houseunits per County |
|----------------|------------|-----------------------|
|                | Baldwin    | 100                   |
|                | Choctaw    | 100                   |
|                | Mobile     | 100                   |
|                | Washington | 100                   |
| <b>Alabama</b> |            | <b>400</b>            |

| State              | County       | Houseunits per County |
|--------------------|--------------|-----------------------|
|                    | Clarke       | 100                   |
|                    | Covington    | 100                   |
|                    | Forrest      | 500                   |
|                    | George       | 100                   |
|                    | Greene       | 100                   |
|                    | Hancock      | 1,100                 |
|                    | Harrison     | 2,100                 |
|                    | Jackson      | 400                   |
|                    | Jasper       | 100                   |
|                    | Jeff'n Davis | 100                   |
|                    | Jones        | 200                   |
|                    | Kemper       | 100                   |
|                    | Lamar        | 400                   |
|                    | Lauderdale   | 100                   |
|                    | Lawrence     | 100                   |
|                    | Leake        | 100                   |
|                    | Marion       | 100                   |
|                    | Neshoba      | 100                   |
|                    | Newton       | 100                   |
|                    | Noxubee      | 100                   |
|                    | Pearl River  | 500                   |
|                    | Perry        | 100                   |
|                    | Pike         | 100                   |
|                    | Rankin       | 100                   |
|                    | Scott        | 100                   |
|                    | Simpson      | 100                   |
|                    | Smith        | 100                   |
|                    | Stone        | 100                   |
|                    | Walthall     | 100                   |
|                    | Wayne        | 100                   |
|                    | Winston      | 100                   |
| <b>Mississippi</b> |              | <b>7,600</b>          |

**THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!**

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 1% of housing units requiring replacement in CAT 2 wind areas, 3% of housing units requiring replacement in CAT 3 wind areas, and 7% of housing units requiring replacement in CAT 4 wind areas.

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## Hurricane Katrina Housing Model

**Generated By:**

Terry Siemsen, LRL 0700 EDT 08/30/2005

**Sources:**

HURREVAC  
LRL-DEBRIS

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